

Converting Colors

XYZ(34.1516, 34.3640, 30.0937)

Have a look what the booklet for
XYZ(34.1516, 34.3640, 30.0937)
contains.

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Color

**XYZ(34.2083, 34.4797,
30.0516)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9B8D
RGB	175, 155, 141
RGB Percent	69%, 61%, 55%
CMY	0.3137, 0.3921, 0.4471
CMYK	0.00, 0.11, 0.19, 0.31
HSL	25°, 18%, 62%
HSV	25°, 19%, 69%
XYZ	34.2083, 34.4797, 30.0516
YIQ	159.3840, 16.4140, -0.1140

Conversions

Conversions Part 2

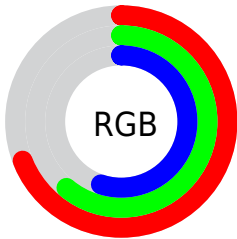
Format	Color
R_{YB}	175, 165, 141
Decimal	11508621
CIE _{Lab}	65.34, 5.05, 10.03
CIE _{LCh}	65, 11.227, 63.273
Yxy	34.4797, 0.3464, 0.3492
Android (android.graphics.Color)	4289698701 (0xFFAF9B8D)
YUV	159.3840, -9.0633, 13.6952
Hunter-Lab	58.7194, 1.2302, 10.7600

Details

The XYZ color **34.2083, 34.4797, 30.0516** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4672, 34.2470, 45.5097**, and the grayscale version is **33.1662, 34.8934, 37.9989**.

A 20% lighter version of the original color is **65.6058, 66.5300, 61.0135**, and **14.8647, 14.7935, 11.9695** is the 20% darker color. If you saturate the color by 10%, you get **31.3674, 30.7195, 23.1800**, and if you desaturate by 10%, it is **37.4029, 38.6174, 38.0570**.

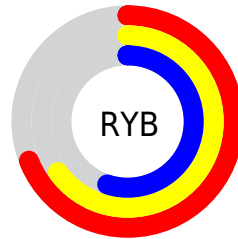
Distribution



Red (69%)

Green (61%)

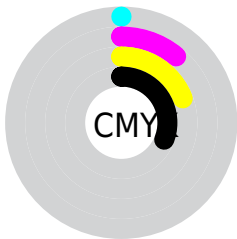
Blue (55%)



Red (69%)

Yellow (65%)

Blue (55%)

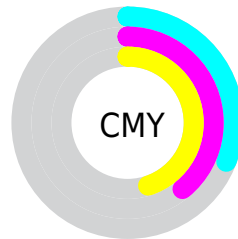


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (31%)



Cyan (31%)


Magenta (39%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2083, 34.4797, 30.0516 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.2083, 34.4797, 30.0516 by changing the saturation by 10% instead.


 34.2083, 34.4797,
30.0516


 34.2083, 34.4797,
30.0516


312.6295,
322.2658, 316.3597


 23.2173, 23.2624,
19.6254


 65.5996, 66.6789,
60.8057

 14.8756, 14.7874,
11.9417


 86.7306, 88.4296,
81.9707

 8.8179, 8.6703,
6.5819


 111.9724,
114.4603, 107.5524

 4.6787, 4.5268,
3.1276

141.6902,
145.1552, 137.9693

 2.0928, 1.9724,
1.1601

176.2495,
180.8988, 173.6399

 0.6853, 0.5913,
0.0000

216.0155,

 0.0000, 0.0000,

222.0755, 214.9828

0.0000

261.3537,
269.0697, 262.4166

■ 34.2083, 34.4797,
30.0516

■ 34.2083, 34.4797,
30.0516

■ 31.3674, 30.7195,
23.1800

■ 37.4029, 38.6174,
38.0570

■ 28.8641, 27.3209,
17.3881

■ 40.9609, 43.1386,
47.2427

■ 26.6852, 24.2740,
12.6206

■ 44.8951, 48.0548,
57.6552

■ 24.8153, 21.5662,
8.8162

■ 49.2168, 53.3759,
69.3376

■ 23.2378, 19.1842,
5.9070

■ 53.9367, 59.1112,
82.3313

■ 21.9340, 17.1139,
3.8164

■ 59.0652, 65.2699,
96.6755

■ 20.8826, 15.3392,
2.4541

■ 63.2128, 71.3008,
105.0385

■ 20.0454, 13.8372,
1.6431

■ 66.1135, 77.1023,
106.0054

■ 20.0016, 13.7585,
1.6015

■ 69.1854, 83.2461,
107.0294

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.4752, 34.4797, 32.8100



34.2083, 34.4797, 30.0516



32.5925, 34.4797, 29.2412

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.2083, 34.4797, 30.0516



29.7282, 34.4797, 38.0597



34.5297, 34.4797, 45.5966

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.2083, 34.4797, 30.0516



31.4672, 34.2470, 45.5097

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



32.9520, 34.4797, 47.2828



34.2083, 34.4797, 30.0516



30.2096, 34.4797, 42.7096

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.2083, 34.4797, 30.0516



30.0397, 34.4797, 33.6318



31.3763, 34.4797, 46.1851



35.6650, 34.4797, 41.7453

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.2083, 34.4797, 30.0516



31.5437, 34.4797, 29.8540



31.3763, 34.4797, 46.1851



34.0316, 34.4797, 46.4493

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.2092, 34.4813, 30.0523



69.0315, 71.7762, 73.3885



33.6729, 30.7516, 38.0648



15.2551, 15.8409, 16.0857



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.2092, 34.4813, 30.0523



59.1726, 59.0008, 48.6991



37.1639, 40.3905, 31.0372



8.2660, 8.5369, 8.4255



14.3813, 9.9681, 1.1661



0.4548, 0.3868, 0.0507

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.4672, 34.2470, 45.5097



53.4212, 58.5076, 81.1144



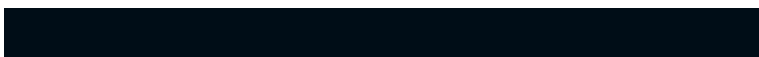
28.7568, 28.8263, 44.6062



7.9556, 8.5105, 10.1761



9.0711, 9.2761, 30.3569



0.3045, 0.3624, 0.8619

Previews

White Background



This preview shows how the XYZ color 34.2083, 34.4797, 30.0516 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.2083, 34.4797, 30.0516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

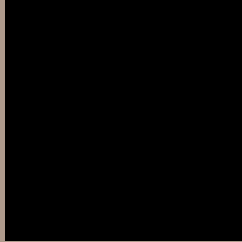
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2083, 34.4797, 30.0516

Background



This preview shows how black text looks on a background with the XYZ color 34.2083, 34.4797, 30.0516.



This preview shows how white text looks on a background with the XYZ color 34.2083, 34.4797,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.2083, 34.4797, 30.0516

Protanopia

32.7018, 34.4362, 30.9099

Deuteranopia

35.0213, 34.4089, 29.9951



Tritanopia

36.2892, 34.6018, 39.8881

Trichromacy



Original Color

34.2083, 34.4797, 30.0516

Protanomaly

33.3016, 34.5020, 30.4955

Deuteranomaly

34.7234, 34.4993, 30.0282

Tritanomaly

35.5234, 34.5299, 36.2451

Monochromacy



Original Color

34.2083, 34.4797, 30.0516

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.4114, 34.7201, 34.6464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2083, 34.4797, 30.0516 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(175, 155, 141)` looks like.

```
.text, #text, p{  
    color:rgb(175, 155, 141)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 155, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 155, 141) }
```

Border

The CSS property to change the border of an element to XYZ 34.2083, 34.4797, 30.0516 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 155, 141) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(175, 155, 141) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(175, 155, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 155, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 155, 141);  
box-shadow:4px 4px 4px 4px rgb(175, 155,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2083, 34.4797, 30.0516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 155, 141) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175,  
155, 141) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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